

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: October 12, 2005

Inspector: Don Ukers and Brian Sakidovitch

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: Extremely significant amounts of rain were reported by NOAA since the last inspection with up to 6.25" on 10/6-10/7 and 2.31" on 10/12.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: No new access roads have been constructed. Access is gained off Hoyts Hill Road which was previously repaved and curbed by the DPW. Sediment tracking was not noted. 10/12/05</p> <p>- Archers Lane: A blast along the access road had resulted in more material movement than anticipated and it had piled at the property line/stone wall. Boulders continue to be stockpiled up along this side within the project parcel and will be removed when the material is. 9/15-10/12/05</p> <p>- Norwalk Junction: 115kV work was just finishing up with the riser transition structure installed. Erosion controls here had been washed down to some degree due to flooding from the river. 10/12/05</p>	<p>- Monitor any sediment tracking issues and determine if a pad may be necessary. 9/15-10/12/05</p> <p>- Contractors were aware of the problem and the fact the material had crushed the silt fence here. Permission is still being obtained to move materials from back over the property line. 9/15-10/12/05</p> <p>- None at this time as most work is still under 115kV jurisdiction. 10/12/05</p>
	- At Hoyts Hill, there continues to be backfilling and compaction in the retaining wall/foundation and	- The site was muddy due to all the rain but no issues at this time. 10/12/05

Areas of Inspection	Observation	Recommended Action
Foundation construction	<p>surrounding areas are brought to grade. 10/12/05</p> <p>-A catch basin was being installed at the time of the visit. 10/12/05</p> <p>- No foundation work has begun at Archers Lane although blasting continues in the station site and the access road to bring the site to grade. Large boulders created by the blasting are still being stockpiled. 9/15-10/12/05</p> <p>- The riser structure was installed here for the 115kV work but most transition station work has not yet begun. 10/12/05</p>	<p>- The design change appears to work well. Continue to monitor for any potential erosion at the outlet. 10/12/05</p> <p>- This site was also muddy but none at this time. 9/15-10/12/05</p> <p>- None at this time. Site preparation and asphalt removal should continue. 10/12/05</p>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>-Hoyts Hill: The perimeter silt fence remains in good condition but the spot at the end of the fence near the northern perimeter could use some maintenance as it is continuing to degrade. 10/5-10/12/05</p> <p>-The drainage pipe along the base of the retaining wall was working and turbid water was seen in the riprap pad. 10/12/05</p> <p>- Archers Lane: A portion of silt fence along the access road has been pushed down due to the wayward material. Once permission is obtained, materials will be pulled back and the fence restored. 9/15-10/12/05</p> <p>The silt fence corner at the base of the access road slope contained some pooled turbid runoff. 10/12/05</p> <p>- Norwalk Junction: Erosion controls installed for the 115kV work were flooded out to some degree. 10/12/05</p>	<p>-Continue to monitor the controls and be proactive in repair as necessary. Repair the northern section as it is in the vicinity of the drain outlet. 10/12/05</p> <p>- Make necessary repairs as planned. Continue to monitor the area and be proactive in maintenance of the erosion controls, especially in areas with wetland immediately adjacent. 10/12/05</p> <p>- Water was apparently well contained but silt may need to be pulled away after the rains and repairs might be necessary. 10/12/05</p> <p>- Make necessary repairs and install perimeter fence before major site work takes place. 10/12/05</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>- Hoyts Hill: As part of the transition station, a small area of wetland was cleared and altered. The outer silt fence is still up as a work limit and to protect the remainder of the wetland. 7/22-10/12/05</p> <p>-Archers Lane: The low spot in the fence should be monitored although wetlands didn't appear to be immediately adjacent. 10/12/05</p> <p>- Norwalk Junction: Wetlands associated with the</p>	<p>-Continue to monitor. In general, keep all equipment and materials out of wetlands not to be disturbed and keep controls in good repair. 10/12/05</p> <p>- Continue to maintain silt fence as needed. 10/12/05</p> <p>- Install and maintain perimeter controls here as</p>

Areas of Inspection	Observation	Recommended Action
	Norwalk River are located immediately adjacent to the site and flooding was an issue at this time. 10/12/05	work begins. 115kV related controls are down in many spots due to flooding. 10/12/05
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: Construction of the site is currently ongoing in the previously cleared station area. 9/7-10/12/05</p> <p>- Archers Lane: Blasting continues in the previously cleared areas and most material remains contained with the exception of the material over the stone wall. 9/15-10/12/05.</p> <p>- Norwalk Junction: Additional clearing will be necessary beyond the footprint of the parking area and has begun in some areas. 10/12/05</p>	<p>-None at this time. In general limit clearing to those areas necessary. 10/12/05</p> <p>-None at this time. In general, keep clearing within the limits of the work. 10/12/05</p> <p>- Some clearing is underway. Attempt to preserve trees where possible if trimming is sufficient. 10/12/05</p>
Dewatering	<p>- At Hoyts Hill, the dewatering corral is completed with a filter bag surrounded by haybales within the silt fence. It was not receiving water at the time of the inspection and the stormwater drain was in place. 10/12/05</p> <p>- No dewatering has been necessary yet at Archers Lane. 10/12/05</p> <p>- Dewatering was necessary at Norwalk Junction for 115kv work and an unapproved release from a frac truck occurred. 10/12/05</p>	<p>-Keep watch on the filter bag if any more active use is necessary. 10/12/05</p> <p>- None at this time. 10/12/05</p> <p>- See the 115kV report for more details. 10/12/05</p>
Blasting	- Blasting continues at Archers Lane within the station site and access road. As previously stated, a blast did cause some wayward material to end up on /over the property line. 9/15-	- Materials are mostly well contained and the extraneous rock/sediment will be moved appropriately when permission is granted. 9/15-10/12/05

Areas of Inspection	Observation	Recommended Action
	10/12/05 - Another round of blasting occurred immediately after the inspection on the access into the station. 10/12/05	
Spills and Material Storage	- No further drips or leaks were noted at the time of the inspection with the exception of a sheen at Norwalk Junction. It is unknown whether this was from equipment associated with 115kV or the station, or from the water release. 10/12/05	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. Se proper storage for all materials.
Additional Observations		

Next likely scheduled inspection:

Wednesday October 19, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for Don Ukers



Hoyts Hill Transition Station: View of the continued backfill and compacting within the retaining wall/foundation of the site. (10/12/05)



The outlet pipe and the dissipater pad were working well during the rain storm. The silt fence at this northern portion of the site should be repaired. (10/12/05)



Archers Lane Transition Station: Photo on the left shows the overall view of the site and continues earthwork. Photo on the left shows the current view of the access road into the site. (10/12/05)



Turbid runoff from the access road is pooling at the low spot in the silt fence. The fence appears to be containing most of the water at this time but this spot should be maintained if necessary due to the stress of the storm. (10/12/05)



Norwalk Junction Transition Station: Some of the work left over is from 115kV work on the site. Photo on the left shows absorbent booms in place after a reported emptying of a frac truck used for dewatering occurred. Photo on the right shows left over haybales from a stockpile area. (10/13/05)



Due to the heavy rains, the Norwalk River had flooded into a portion of the site. Clearing and silt fence installation will continue as the transition station work gets going. (10/13/05)